

UNITED STATES PATENT OFFICE.

BENJAMIN H. CRISWELL, OF CANTON, OHIO, ASSIGNOR OF ONE-HALF TO DANIEL L. HOLWICK, OF CANTON, OHIO.

CLEANING-CLOTH AND PROCESS FOR PRODUCING SAME.

1,143,614.

Specification of Letters Patent. Patented June 22, 1915.

No Drawing.

Application filed April 12, 1915. Serial No. 20,703.

To all whom it may concern:

Be it known that I, BENJAMIN H. CRISWELL, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Cleaning-Cloths and Processes for Producing Same; and I hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make the same.

My invention relates more particularly to the process for the treatment of cloth designed to be used for cleaning, and it has more specific reference to the cleaning of glass and the like.

The object of the present invention is to produce a fabric impregnated with ingredients whereby the cloth can be used for cleaning purposes without the necessity of dampening the cloth or the surface designed to be cleaned.

In the production of my improvement and the method of making the same, a cloth fabric, preferably formed of soft texture is used. The fabric is cut into any desired shape or size, reference being had to convenience in use.

By my improved process I employ two solutions which may be termed "solution Number 1" and "solution Number 2."

Solution Number 1 is composed of the following ingredients, in about the following proportions: salt 4 parts, Epsom salt 1 part, and a sufficient amount of water to dissolve the above mentioned ingredients, said ingredients being mingled together, after which the fabric is impregnated with the composition thus produced; after which the fabric is submitted to any well known drying process for a period of time sufficient to thoroughly dry the fabric thus impregnated. After the fabric has become thor-

oughly dried it is again impregnated with solution Number 2, which solution is composed of the following ingredients in about the following proportions: oleic acid, 4 oz., petrolatum, 1 oz., ammonia, 26% strength, 4 oz., glycerin, 1 oz., tripoli, 24 oz., whiting, 24 oz. and a sufficient amount of water to dissolve the above mentioned ingredients, said ingredients being mingled together, after which the fabric is impregnated with the composition thus produced; after which the fabric is submitted to any well known drying process for a period of time sufficient to thoroughly dry the fabric thus impregnated; thus completing the process of producing the cleaning cloth.

By the process above pointed out I am enabled to provide and to produce a cleaning cloth that will be flexible and efficient without dampening the same prior to its use or dampening the surface to be cleaned.

Having fully described my invention what I claim as new and desire to secure by Letters Patent, is—

1. The process of producing a cleaning cloth which consists, first, impregnating the cloth with a solution of salt, Epsom salt and water; second, drying the fabric; third, impregnating the fabric with oleic acid, petrolatum, ammonia, glycerin, tripoli, whiting and water; and fourth, drying the fabric.

2. As an improved article of manufacture, a cloth impregnated with the following ingredients, to-wit: salt, Epsom salt, oleic acid, petrolatum, ammonia, glycerin, tripoli, whiting and water.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

BENJAMIN H. CRISWELL.

Witnesses:

J. H. BISHOP,
F. W. BOND.